

Application No.: 10/676,672

2

Docket No.: 146712014500

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listing, of claims in the application:

Claim 1 (previously presented): A fluid dynamic bearing motor assembly, the assembly comprising:

an inner member;

an outer member configured to rotate about a rotational axis at a first angular velocity;

and

an orbital ring disposed between the inner member and the outer member, the orbital ring configured to rotate about the rotational axis at a second angular velocity, the second angular velocity being less than the first angular velocity, wherein at least one fluid dynamic bearing region is associated with a gap between a surface of the orbital ring and a surface of one or both of the inner member and the outer member, the fluid dynamic bearing region operable to provide an axial thrust.

Claim 2 (original): The assembly of claim 1, further comprising a first fluid dynamic bearing, defining a first bearing region, disposed between the inner member and the orbital ring and a second fluid dynamic bearing, defining a second bearing region, disposed between the orbital ring and the outer member.

Claim 3 (original): The assembly of claim 2, wherein the first fluid dynamic bearing and the second fluid dynamic bearing are configured such that positive pressure is maintained in the first bearing region and the second bearing region.

Claim 4 (original): The assembly of claim 1, wherein the orbital ring is configured with a rectangular cross-section.

pa-1028725

Application No.: 10/676,672

3

Docket No.: 146712014500

Claim 5 (previously presented): A fluid dynamic bearing motor assembly, the assembly comprising:

an inner member;

an outer member configured to rotate about a rotational axis at a first angular velocity;

and

an orbital ring disposed between the inner member and the outer member, the orbital ring having a recirculation channel and configured to rotate about the rotational axis at a second angular velocity, the second angular velocity being less than the first angular velocity, wherein at least one fluid dynamic bearing region is associated with a gap between a surface of the orbital ring and a surface of one or both of the inner member and the outer member, the fluid dynamic bearing region operable to provide an axial thrust.

Claims 6-18 (cancelled)

Claim 19 (previously presented): A fluid dynamic bearing assembly, the assembly comprising:

an inner member;

an outer member configured to rotate about a rotational axis at a first angular velocity;

and

an orbital ring disposed between the inner member and the outer member, the orbital ring configured to rotate about the rotational axis at a second angular velocity, the second angular velocity being less than the first angular velocity, wherein at least one fluid dynamic bearing region is associated with a gap between a surface of the orbital ring and a surface of one or both of the inner member and the outer member, the fluid dynamic bearing region operable to provide an axial thrust.

pa-1028725

Application No.: 10/676,672

4

Docket No.: 146712014500

Claim 20 (previously presented): A fluid dynamic bearing assembly, the assembly comprising:

an inner member;

an outer member configured to rotate about a rotational axis at a first angular velocity;

and

an orbital ring disposed between the inner member and the outer member, the orbital ring having a recirculation channel and configured to rotate about the rotational axis at a second angular velocity, the second angular velocity being less than the first angular velocity, wherein at least one fluid dynamic bearing region is associated with a gap between a surface of the orbital ring and a surface of one or both of the inner member and the outer member, the fluid dynamic bearing region operable to provide an axial thrust.

pa-1028725